

कक्षा : बी.एस-सी. भाग-दो					विषय : कम्प्यूटर साइंस
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
01-08-2012	1	Virendra Tiwari	I	Introduction to Data Structure	Concept of data types
03-08-2012	2	Virendra Tiwari	I	Introduction to Data Structure	Primitive Data types
04-08-2012	1	Virendra Tiwari	II	Fundamentals	Sets, subsets
06-08-2012	2	Virendra Tiwari	II	Fundamentals	Operation on set
07-08-2012	1	Virendra Tiwari	III	Approximation & errors	Significant figures
08-08-2012				Class Teaching	
09-08-2012	3	Virendra Tiwari	I	Introduction to Data Structure	Abstract data type polymorphic data type
11-08-2012	4	Virendra Tiwari	I	Introduction to Data Structure	Description of various data structure
13-08-2012	3	Virendra Tiwari	II	Fundamental	Finite & infinite sets
14-08-2012	4	Virendra Tiwari	II	Fundamental	Relations and properties of relations
18-08-2012	2	Virendra Tiwari	III	Approximation & errors	Accuracy & precision
20-08-2012		Virendra Tiwari		Class Teaching	
21-08-2012	5	Virendra Tiwari	I	Introduction to Data Structure	Algorithm performance Analysis and measurement
22-08-2012	6	Virendra Tiwari	I	Introduction to Data Structure	Defining problems

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23-08-2012	5	Virendra Tiwari	II	Fundamental	Equivalence relations
24-08-2012	6	Virendra Tiwari	II	Fundamental	Boolean Algebra Poset
25-08-2012	3	Virendra Tiwari	III	Approximation and error	Different types of errors
27-08-2012		Virendra Tiwari		Class Teaching	
28-08-2012	7	Virendra Tiwari	I	Introduction to Data Structure	Coding, testing, debugging
29-08-2012	8	Virendra Tiwari	I	Introduction to Data Structure	Documentation of program
30-08-2012	7	Virendra Tiwari	II	Lattices	Lattice as poset
01-09-2012	8	Virendra Tiwari	II	Lattices	Properties of lattices
03-09-2012	4	Virendra Tiwari	III	Approximation & errors	Error propagation total numerical error with control
04-09-2012		Virendra Tiwari		Class Teaching	
05-09-2012	9	Virendra Tiwari	I	Introduction to Data Structure	Concept of recursion examples of some recursive function
06-09-2012	10	Virendra Tiwari	I	Arrays	Definition, one dimensional
07-09-2012	9	Virendra Tiwari	II	Lattices	Sublattice, distributed & complemented lattice

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08-09-2012	10	Virendra Tiwari	II	Boolean Algebra	Boolean lattice to boolean algebra
10-09-2012	5	Virendra Tiwari	III	Root of equations	Graphical methods
11-09-2012				Evaluation	
12-09-2012	11	Virendra Tiwari	I	Arrays	Multi dimensional array
13-09-2012	12	Virendra Tiwari	I	Stacks & queues	Concept of stack & queue
14-09-2012	11	Virendra Tiwari	II	Boolean algebra	Uniqueness of finite Boolean Algebra
15-09-2012	12	Virendra Tiwari	II	Boolean algebra	Boolean function & expression
18-09-2012	6	Virendra Tiwari	III	Roots of equation	Bisection methods
19-09-2012				Class Teaching	
20-09-2012	13	Virendra Tiwari	I	Stack & Queues	Implementation of stack and queues in memory using array
21-09-2012	14	Virendra Tiwari	I	Stack & Queues	Implementation of stack and queues in memory using pointer
22-09-2012	13	Virendra Tiwari	II	Boolean Algebra	Use of K Maps Graph Terminology &
				Application of graphs	

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24-09-2012	14	Virendra Tiwari	II	Boolean Algebra	Graph Terminology & Application of graphs
25-09-2012	7	Virendra Tiwari	III	Root of equations	False partition method
26-09-2012		Virendra Tiwari		Class Teaching	
27-09-2012	15	Virendra Tiwari	I	Stacks & Queues	Application of stack one queues
01-10-2012	16	Virendra Tiwari	I	Stacks & Queues	Evaluations of expansion (Postfix, Infix, Prefix)
04-10-2012	15	Virendra Tiwari	II	Boolean Algebra	Finite & Infinite Graphs
05-10-2012	16	Virendra Tiwari	II	Boolean Algebra	Homomorphism, Subgroups
06-10-2012	8	Virendra Tiwari	III	Root of equations	Newton Raphson method
08-10-2012		Virendra Tiwari		Class Teaching	
11-10-2012	17	Virendra Tiwari	I	Stacks & Queues	Circular queues-Priority queues
12-10-2012		Virendra Tiwari		Class Teaching	
13-10-2012	18	Virendra Tiwari	I	Linked List	Introduction of Linked List
17-10-2012	17	Virendra Tiwari	II	Boolean Algebra	Walks Paths & Circuits connected graph
18-10-2012	18	Virendra Tiwari	II	Boolean Algebra	Eulerian & Euler graphs

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19-10-2012	19	Virendra Tiwari	I	Linked List	Representation of Linear Linked List
20-10-2012	9	Virendra Tiwari	III	Roots of equations	Secant method convergence
29-10-2012				Evaluation	
30-10-2012	20	Virendra Tiwari	I	Linked List	Aperation of Linear Linked List
31-10-2012	21	Virendra Tiwari	I	Trees	Introduction of basis Terminologies
01-11-2012	19	Virendra Tiwari	II	Boolean Algebra	Operations on graphs. Hamiltonian Path & Circuits
02-11-2012	20	Virendra Tiwari	II	Trees	Properties of tree
03-11-2012	10	Virendra Tiwari	III	System of linear algebraic equation	Matri rotation
05-11-2012		Virendra Tiwari		Class Teaching	
06-11-2012	22	Virendra Tiwari	I	Trees	Binary Tree
07-11-2012	23	Virendra Tiwari	I	Trees	Binary Search Tree

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08-11-2012	21	Virendra Tiwari	II	Trees	Distance & Conter in Tree Rooted & Binary Trees
09-11-2012	22	Virendra Tiwari	II	Trees	Spanning Trees
16-11-2012	11	Virendra Tiwari	III	System of linear Algebraic equation	Representation of Simultaneous linear algebras equation in matrix form
17-11-2012		Virendra Tiwari		Evaluation	
19-11-2012	24	Virendra Tiwari	I	Trees	Represenation of Binary Search tree using array and linked list
20-11-2012	25	Virendra Tiwari	I	Sorting	Bubblo sort quick sort
21-11-2012	23	Virendra Tiwari	II	Trees	Matrix representation
22-11-2012	24	Virendra Tiwari	II	Trees	Graph, coloring
23-11-2012	12	Virendra Tiwari	III	System linear algebraic equation	Determinants crammers rules
26-11-2012		Virendra Tiwari		Class Teaching	
27-11-2012	26	Virendra Tiwari	I	Sorting	Quick sort, insertion sort

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29-11-2012	27	Virendra Tiwari	I	Sorting	Merge sort
30-11-2012	25	Virendra Tiwari	II	Tree	Chromatic partitions & coverings
01-12-2012	26	Virendra Tiwari	II	Tree	Directed graph
03-12-2012	13	Virendra Tiwari	III	System linear algebraic equation	Gauss Jourdan and decompositions methods
07-12-2012		Virendra Tiwari		Class Teaching	
08-12-2012	28	Virendra Tiwari	I	Searching	Linear search
11-12-2012	29	Virendra Tiwari	I	Searching	Binary search
12-12-2012	27	Virendra Tiwari	II	Mathematical logic	Statements & notations
13-12-2012	28	Virendra Tiwari	II	System of linear	Tautologies
14-12-2012	14	Virendra Tiwari	III	System of linear algebraic equation	Pivoting and scaling
15-12-2012		Virendra Tiwari		Evaluation	
17-12-2012	29	Virendra Tiwari	II	Mathematical logic	Disjunctives & conjunctives normal forms
18-12-2012	30	Virendra Tiwari	II	Mathematical logic	

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19-12-2012	15	Virendra Tiwari	III	System of Linear Algebraic equation	Pivoting and scaling
20-12-2012	16	Virendra Tiwari	III	System of Linear Algebraic equation	Introduction and curve fitting
21-12-2012	17	Virendra Tiwari	III	System of Linear Algebraic equation	Lagrangian Polynomials
22-12-2012	18	Virendra Tiwari	III	System of Linear Algebraic equation	Newton's methods
24-12-2012	19	Virendra Tiwari	III	System of Linear Algebraic equation	Forward difference methods
26-12-2012	20	Virendra Tiwari	III	System of Linear Algebraic equation	Numerical differentiation by numerical Differentiation
27-12-2012	21	Virendra Tiwari	III	Numerical Integration	The rectangle rule trap zodal rule
28-12-2012	22	Virendra Tiwari	III	Numerical Integration	Simpron 1/3 and 3/8 rule
29-12-2012	23	Virendra Tiwari	III	Statistical Analysis	Measure of central tendency

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31-12-2012	24	Virendra Tiwari	III	Statistical Analysis	Preparing frequency distribution table
01-01-2013		Virendra Tiwari		Class Teaching	
02-01-2013	25	Virendra Tiwari	III	Statistical Analysis	Mean, Arithmetic mean
03-01-2013	26	Virendra Tiwari	III	Statistical Analysis	Harmonic mean
04-01-2013	27	Virendra Tiwari	III	Statistical Analysis	Measure of dispersion
07-01-2013	28	Virendra Tiwari	III	Statistical Analysis	Skewness & kurtosis
08-01-2013	29	Virendra Tiwari	III	Statistical Analysis	Ranges
09-01-2013		Virendra Tiwari		Evaluation	
10-01-2013	30	Virendra Tiwari	III	Statistical Analysis	Mean deviation
11-01-2013	31	Virendra Tiwari	III	Statistical Analysis	Standard deviation
12-01-2013	32	Virendra Tiwari	III	Statistical Analysis	Coefficient of variation
16-01-2013	33	Virendra Tiwari	III	Statistical Analysis	Moments skew ness
17-01-2013		Virendra Tiwari		Class Teaching	
18-01-2013	34	Virendra Tiwari	III	Statistical Analysis	Correlation
19-01-2013	35	Virendra Tiwari	III	Linear regression	Polynomial regression

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21-01-2013	36	Virendra Tiwari	III	Linear regression	Multiple linear regression
22-01-2013	37	Virendra Tiwari	III	Statistical analysis	Problems of standard deviation
23-01-2013	38	Virendra Tiwari	III	Statistical analysis	Problems of standard deviation with frequency
24-01-2013	39	Virendra Tiwari	III	Statistical analysis	Problems of skewness
25-01-2013	40	Virendra Tiwari	III	Statistical analysis	Problems of kurtosis

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